

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 202.2D2	APPLICATION NO. 10/602,330
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Clarence N. Ahlem, et al	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE June 23, 2003	GROUP 1617

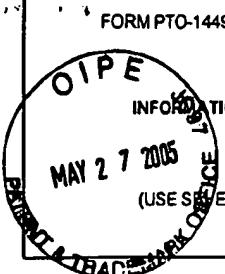
O I P
MAY 27 2003
P A T E N T
T R A D E M A R K
O F F I C E

U.S. PATENT DOCUMENTS						
EXAMINER Approval Date	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BB	4,055,641	10/25/77	Benson et al.	—	—	
	4,602,008	7/22/86	Krsek	—	—	
	4,628,052	12/9/86	Peat	—	—	
	4,956,355	9/11/90	Prendergast	—	—	
	5,001,119	3/19/91	Schwartz et al.	—	—	
	5,077,284	12/21/91	Loria	—	—	
	5,206,008	4/27/93	Loria	—	—	
	5,292,730	3/8/94	Lardy	—	—	
	5,296,481	3/22/94	Partridge et al.	—	—	
	5,387,583	2/7/95	Loria	—	—	
	5,461,042	10/24/95	Loria	—	—	
	5,489,581	2/6/96	Daynes et al.	—	—	
	5,494,899	2/27/96	Kincade et al.	—	—	
	5,527,789	6/18/96	Nyce	—	—	
BB	5,506,223	4/9/96	Lardy	—	—	

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EXAMINER	Bader	DATE CONSIDERED	6/22/05
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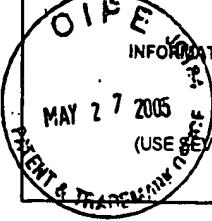
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BP	5,506,223	4/9/96	Lardy	—	—	
	5,824,668	10/20/98	Rubenfield et al.	—	—	
	5,827,841	10/27/98	Daynes et al.	—	—	
	5,837,269	11/17/98	Daynes et al.	—	—	
	5,912,240	6/15/99	Loria	—	—	
	5,919,465	7/6/99	Daynes et al.	—	—	
	5,922,701	7/13/99	Araneo	—	—	
	5,977,095	11/2/99	Araneo et al.	—	—	
DP	6,013,642	1/11/00	Foulkes et al.	—	—	4/14/97

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FOREIGN PATENT DOCUMENTS						
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						YES NO

EXAMINER Approval Date	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
BB	Araghi-Niknam et al., Modulation of immune dysfunction during murine leukaemia retrovirus infection of old mice by dehydroepiandrosterone sulphate (DHEAS), <i>Immunology</i> 90:344-349 (1997)	
	Byron J, Nature of the erythropoietin-independent response of CFU-S to steroids, <i>Exp. Hematol.</i> 8:160-167 (1980)	
	Byron J, Manipulation of the cell cycle of the hemopoietic stem cell, <i>Exp. Hemat.</i> 3:44-53 (1975)	
	Crandall et al., Estrogens and hematopoiesis: characterization and studies on the mechanism of neutropenia, <i>J. Lab. Clin. Med.</i> 95(6):857-867 (1980)	
	Evens et al., Androgens and erythropoiesis, <i>The J. of Clin. Pharmacology</i> pps. 94-101 (1974)	
	Gianotti et al., Steroid therapy can modulate gut barrier function, host defense and survival in thermally injured mice, <i>J Surg Research</i> 62:53-58 (1996)	
	Horn, Y.; The effect of androgenic hormones on bone marrow of rats receiving chemotherapy, <i>Oncology</i> 25:512-519 (1971)	
	Kang et al., Dehydroepiandrosterone and β-endorphin enhance IL-12 gene expression, <i>Taehan Misaengmulhak Hoechi</i> (J. Korean Soc. Microbiology) 31(4):399-404 (1996) (translation from Korean)	
BB	Landy et al., Ergosteroids II: Biologically active metabolites and synthetic derivatives of dehydroepiandrosterone, <i>Steroids</i> 63:158-165 (1998)	

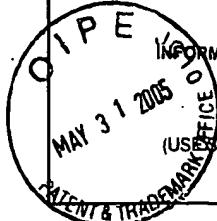
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B3	Leroy et al., Estrogen-like effect of 5-androstene-3 β , 17 β -diol on the induction of fetal thymidine kinase in the rat uterus, <i>J. Steroid Biochem</i> 31(4):453-458 (1988)
	Loria et al., Mobilization of cutaneous immunity for systemic protection against infections, <i>Ann NY Acad Sci</i> 650:636-666 (1992)
	Loria et al., Regulation of the immune response by dehydroepiandrosterone and its metabolites, <i>J. Endocrinology</i> , 150:S209-S220 (1996)
	Manz et al., Methyl 17 β -Carboxyester Derivatives of Natural and Synthetic Glucocorticoids: Correlation Between Receptor Binding and Inhibition of in vitro Phytohaemagglutinin-Induced Lymphocyte Blastogenesis, <i>J. Clin. Chem. Clin. Biochem.</i> 21(2):69-75 (1983)
	Navarro et al., Androgen therapy for anemia in elderly uremic patients, <i>Int'l Urology and Nephrology</i> 32:549-557 (2001)
	Padgett et al., Endocrine regulation of murine macrophage function: effects of dehydroepiandrosterone, androstenediol, and androstenetriol, <i>J of Immunology</i> 84:61-68 (1998)
	Padgett et al., Endocrine regulation of the immune response to influenza virus infection with a metabolite of DHEA-androstenediol, <i>J. of Neuroimmunology</i> 78:203-211 (1997)
	Padgett et al., In vitro potentiation of lymphocyte activation by dehydroepiandrosterone, androstenediol and androstenetriol, <i>J. Immunol</i> 153(4):1544-1552 (1994)
B3	Padgett et al., Steroid hormone regulation of a polyclonal T _H 2 immune response, <i>Ann NY Acad Sci</i> 774:323-325 (1995)
X	Pashko, L. et al., "Inhibition of DNA synthesis in mouse epidermis and breast epithelium by dehydroepiandrosterone and related steroids", <i>Carcinogenesis</i> , Vol. 2, No. 8, p. 717-721 (1981)
B3	Rosenblum et al., Androgenic hormones and human granulopoiesis in vitro, <i>Blood</i> 43:351-356 (1974)
	Sanchez-Medal, L., The hemopoietic action of androstanes, <i>Progress in Hematology</i> , pps. 111-136 <i>Note needed</i>
	Sigg et al., 3 α -Acetoxyätién-(8:9 oder 8:14)-säure-methylester, <i>Helvetica Chimica Acta</i> , 39(6):1507-1525 (1956) (translation from German)
	Steinherz et al., Effect of lithium carbonate plus oxymetholone vs. lithium alone on chemotherapy-induced myelosuppression, <i>The American J of Pediatric Hematology/Oncology</i> 5(1):39-44 (1983)
B3	Weisz et al., Selective reactions of some steroids with diethyl dicarbonate, <i>Archiv der Pharmazie</i> 319:952-953 (1986)
X	Whitnall et al., Androstenediol stimulates myelopoiesis but not lymphopoiesis in irradiated mice, <i>Blood</i> 90(10)(1), 175a (1997)
B3	Whitnall et al., Androstenediol stimulates myelopoiesis and enhances resistance to infection in gamma-irradiated mice, <i>Int'l J of Immunopharmacology</i> 22:1-14 (2000)
B3	Whitnall et al., In Vivo radioprotection by 5-androstenediol: Stimulation of the immune system, <i>Radiation Research</i> 156:283-293 (2001)
X	Yang et al., Inhibition of HIV-1 Latency Reactivation by Dehydroepiandrosterone (DHEA) and an Analog of DHEA, <i>Aids Research and Human Retroviruses</i> 9(8):747-754 (1993)

* Copies not provided.

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BB	5,364,847	11/15/94	Labrie et al.	—	—	
BB	6,667,299 B1	12/23/02	Ahlem et al.	—	—	

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FOREIGN PATENT DOCUMENTS						
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						YES NO
BB	EP 0 289 327 A	11/02/88	Europe	—	—	
I	EP 0 429 187 B1	05/01/94	Europe	—	—	
BB	EP 01 133 995	3/13/05	Europe	—	—	

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